

14042

U.S. PTO

020504

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

9581-002-27

First Inventor or Application Identifier

RAGHU RAGHAVAN, ET AL.

Title

METHOD AND SYSTEM FOR PREDICTION AND MANAGEMENT OF  
MATERIAL AND INFORMATION TRANSPORT IN AN ORGANISM**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
☒ Applicant claims small entity status.
2. ☒ Specification Total Pages **47**
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **11**
4. ☐ Oath or Declaration Total Pages 
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 16 completed)
5. ☐ Incorporation By Reference (usable if box 4B is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4B, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
PO Box 1450  
Alexandria, VA 22313-1450**ACCOMPANYING DOCUMENTS**

6. ☐ Assignment Papers (cover sheet & document(s))
7. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
8. ☐ English Translation Document (if applicable)
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ White Advance Serial No. Postcard
12. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
13. ☐ Request for Priority
14. ☒ List of Inventors' Names and Addresses
15. ☐ Other:

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

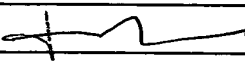
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

17. Amend the specification by inserting before the first line the sentence:

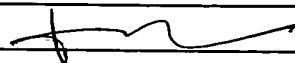
☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on☐ This application claims priority of provisional application Serial No. Filed**18. CORRESPONDENCE ADDRESS**Supervisor, Patent Prosecution Services  
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Signature		Date	2/5/04
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<b>FEE TRANSMITTAL</b>				Docket No.		9581-002-27		
				Serial No.		New Application		
				Filing Date		Herewith		
				Inventor(s)		Raghu RAGHAVAN, et al.		
				Group Art Unit				
TOTAL AMOUNT OF PAYMENT			\$558.00		Examiner			

1. <input checked="" type="checkbox"/> Applicant claims small entity status. <input type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442.						<b>FEE CALCULATION (continued)</b>					
						<b>3. ADDITIONAL FEES</b>					
2. <input checked="" type="checkbox"/> Check enclosed.						Large Entity		Small Entity		Fee Description	
						Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Paid
<b>FEE CALCULATION</b>						1051	130	2051	65	Surcharge-late filing fee or oath	65.00
<b>1. BASIC FILING FEE</b>						1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
Large Entity		Small Entity		Fee Description		1053	130	1053	130	Non-English Specification	
Fee Code	Fee (\$)	Fee Code	Fee (\$)							Fee Paid	
1001	770	2001	385	Utility filing fee						385.00	
1002	340	2002	170	Design filing fee		1252	420	2252	210		
1003	520	2003	260	Plant filing fee		1253	950	2253	475		
1004	770	2004	385	Reissue filing fee		1254	1480	2254	740		
1005	160	2005	80	Provisional filing fee		1255	2010	2255	1005		
<b>SUBTOTAL (1)</b>										\$385.00	
<b>2. EXTRA CLAIM FEES</b>						1402	330	2402	165	Appeal Brief	
tot. claims    32    -    20*    =    12    x    \$9    =    108						1403	290	2403	145	Request for Oral Hearing	
ind. claims    1    -    3*    =    0    x    \$43    =    0						1501	1330	2501	665	Utility/Reissue Issue Fee	
<input type="checkbox"/> Multiple Dependent Claims    \$145    =						1502	480	2502	240	Design Issue Fee	
Large Entity		Small Entity		Fee Description		1504	300	1504	300	Publication Fee	
Fee Code	Fee (\$)	Fee Code	Fee (\$)			8001	3	8001	3	Advance Copy of Patent	
1202	18	2202	9	Claims in excess of 20		1460	130	1460	130	Petitions to the Commissioner	
1201	86	2201	43	Independent claims in excess of 3		1806	180	1806	180	IDS Submission	
1203	290	2203	145	Multiple dependent claim, if not paid		8021	40	8021	40	Assignment recordation	
1204	84	2204	43	*Reissue independent claims over original patent		1801	770	2801	385	For Filing RCE	
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent		1814	110	2814	55	Terminal Disclaimer	
<b>SUBTOTAL (2)</b>						<b>OTHER (indicate below):</b>					
<b>\$108.00</b>											
* or number previously paid, if greater; For Reissues, see above						<b>SUBTOTAL (3)</b>					
						<b>\$65.00</b>					

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Signature		Date	2/5/04	Telephone
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DOCKET NO. 9581-002-27

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Raghu RAGHAVAN, et al.      ART UNIT:  
SERIAL NO.: New Application      EXAMINER:  
FILING DATE: Herewith  
FOR: METHOD AND SYSTEM FOR PREDICTION AND MANAGEMENT OF  
MATERIAL AND INFORMATION TRANSPORT IN AN ORGANISM

**LIST OF INVENTORS' NAMES AND ADDRESSES**

ASSISTANT COMMISSIONER FOR PATENTS  
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SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

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A declaration containing all the necessary information will be submitted at a later date.

Respectfully submitted,

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